

Directory

Military IACs

DASIAC

DoD Nuclear
Information Analysis Center

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DASIAC's scope includes, but is not limited to, the following areas:

Nuclear Weapons and Nuclear Weapon effects Thermal Radiation

- Electromagnetic Pulse (EMP)
- Airblast and Shock
- Transient Radiation Effects on Electronics (TREE)

Conventional Weapon Effects

- Hard Target Defeat
- Facility Hardening
- Survivability

Arms Control/ Counterproliferation

- Systems Response
- Computational Aids
- Radiation Effects

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DASIAC is the key Department of Defense (DoD) source of information and analysis on nuclear and conventional weapons-related topics. Sponsored by the Defense Special Weapons Agency (DSWA), DASIAC has major reference collections of documents and photographs, and can search, retrieve, and perform analyses on internal and community-wide nuclear/conventional weapons' phenomena, effects, and technology matters, and related nuclear/conventional technology transfer applications.

DASIAC has offices in Alexandria, Virginia, and at Kirtland Air Force Base, in Albuquerque, New Mexico. The IAC's professional staff maintains liaison with DoD and Department of Energy organizations to provide in-facility access and user services, through the Scientific and Technical Information Library System (STILAS), for the DASIAC reference collection of more than 60,000 documents dating from 1946, more than 17,000 motion pictures, and 130,000 still photographs; provides technical consultation and user services for extensive databases such as the Data Archival and Retrieval Enhancement (DARE), Electronics Radiation Response Information Center (ERRIC), Electromagnetic Pulse Systems Effects Database (EMSED), and Weapons Effects and Performance Data Archival (WEAPDA); analysis of nuclear and non-nuclear related technology information; preparation of major technical publications, handbooks, and periodicals; development of briefings on technology applications at user facilities; and conference planning (classified/unclassified) and documentation production assistance.



Services

One of the principal activities of DASIAC staff is responding to inquiries from the user community. Additionally, DASIAC distributes a number of information products. The following sampling of inquiries and information products demonstrates the variety of technical information DASIAC assesses and disseminates to the user community:

User Inquiries

Electromagnetic Pulse Effects On Radars

U.S. Strategic Command

Nuclear Stockpile Graphics

Defense Special Weapons
Agency

Introductory Nuclear Weapons Course Information

U.S. Air Force Academy

Above Ground Nuclear Test Film Footage

National Geographic

Handbook of Nuclear Effects On Spacecraft Optical Materials

Kaman Sciences Corporation

Early Civil Defense Information

National Atomic Museum

Computational Aid for IEMP Effects

Science Applications
International

Products

DASIAC Dispatch

The DASIAC bi-monthly newsletter

Science & Technology Digest

The digest covers the full scope of DSWA programs and activities, along with new community technical developments.

Effects Manual One (EM-1)

DASIAC Proliferation Review

produced for the Defense
Nuclear Weapons School

DASIAC also distributes
Nuclear phenomenology
handbooks, brochures, and
technical pamphlets.

Staff

The previous information is only an introduction to the scope, services, and products available from DASIAC. For more information on DASIAC's capabilities, contact any of the following individuals:

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